EPSON

IR-320

The all-in-one POS System – EPSON IR-320

Nowadays, more and more is expected of cash register systems: faster sales processing, easy accessibility, more powerful software and openness for standard PC peripheral equipment. The IR-320 has been equipped with a fast 1.2 GHz Intel Celeron processor so that it can meet such demands. On top of this, it features a capacity of the hard disk of 40 GB so that even advanced software and more sophisticated applications can be optimally installed and used. Users also have the option of upgrading the main memory to a capacity of up to 512 MB.

That compact a powerful POS system can look like

The sound card as a training aid

The retail trade also increasingly uses the cash register system to familiarise and train staff at branches. This is only possible with a cash register system that has multimedia capabilities. To this end, the EPSON IR-320 also features a sound function as standard.
With this feature on board, sound files, multimedia presentations and other acoustic signals can be played. With the aid of multimedia programs, new staff can practise commands, entries, bookings etc, including voice instructions, tips and warnings right at the cash register.
The IR-320 also boasts the same advantages as its predecessors. Thanks to a number of peripherals as well as a total of three integrable and two upgradable printers from the EPSON family, the IR-320 is extremely versatile and can be tailored to individual retail needs.

All security sensible parts are placed behind the lockable cover

The right printer for every situation

The TM-T88IIR thermal printer offers ultra-fast printing, high resolution graphics and is easy to use. If it is needed to print cheques and slips then the new TM-H3000R is the right choice. The smart and compact hybrid printer combines a fast thermal and an impact dot matrix printer in its elegant chassis. With an adapter the TM-U220 dot matrix printer, TM-H6000II hybrid printer and the RP-U420 2-station impact printer can also be used on top of the EPSON IR.
Last but not least a connector for external TM-printers allows to select out of EPSONs wide range of POS printers without the need of an additional power supply.

The IR-320 is also available in EPSON dark grey

Various Options

The device also includes a 2 x 20 character customer display, which eliminates the need for additional space, and minimises the footprint of the unit. The DM-D500 graphic display can also be mounted directly on the unit. An integrated Magnetic Strip Reader (MSR) reading all 3 tracks of magnetic cards, means that separate magnetic card terminals are redundant, thus reducing space, cost and unnecessary complexity.
The practical plug-in 28-key keyboard will help to increase efficiency at the POS. It plugs into the side of the TFT display and enables the user to key in numeric values or use functions programmed and assigned to specific keys.

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Safety first

Various forms of built-in security means that applications and data are protected from accidental or deliberate interference. Because a key is required to access the internal CD drive, the hard and floppy disk drives, only authorised personnel can load new software or copy confidential data, while a cable cover not only maintains a neat appearance, but makes it impossible for cables to be inadvertently disconnected. An optional battery backup and the new CompactFlash card allows the protection of valuable transaction data in case of a power cut.

On-site service into the bargain

For an entire year, on-site service is included in the purchase price of the IR-320 as well as the other cash register systems SR-600 und MR-800. Qualified technicians replace, wherever possible, any defective components right where the cash register is installed, thus ensuring quick resumption of smooth operation at the checkout and keeping turnover losses to a minimum. For those wishing longer-lasting dependability, there is also the option of extending the on-site service to three or more years.

Meanwhile, there are a large number of software programmes, which have been designed for use with the IR and cover all important business needs from general merchandising solutions to branch related applications.
You can find the complete solution, which is most suitable for your business sector in the „EPSON Solution partner“ table. Under "Application Reports" you can find some references of successful users of the IR.
The ever-increasing success of the IR in the specialist retail and gastronomic trades shows that the maintenance and judicious further development of this unique cash register system pays off, not only for the manufacturer but also for the user.

A view on the back with its many interfaces (without cover)

The optional IR-cashdrawer perfectly fits to the all-in-one concept

EPSON
Technology for Retail
Solution Partner

The sign for approved branch applications running with EPSON POS systems

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Features of IR-320 — Your benefit

Compact design	Minimal footprint (26 x 46cm), no cableknots, all-in-one
Modular structure	The IR can be individually customised, all components are specially built to work with each other
Programmable user-interface	Colour coding and large on-screen buttons minimise learning-curves and maximise ease-of-use, Photos and symbols can be shown as well, especially useful for often changing personnel
Easy handling by touch of the finger	Quicker introduction of personnel
High performance, affordable price	ROI ("Return of Investment") in short time
12,1“ or 10,4“ TFT Touch-Screen LCD	Brilliant, large display of graphics, text and photos. Very sensible and easy to touch
Easy assembly with few screws	Reduced service- and maintenance costs, quick and easy adaptation of the system (network connection etc.)
Integrated Ethernet card	Easy to connect to networks, Wake-on-LAN-function allows to boot the system by network
Base unit with an Intel Celeron CPU	High CPU performance for new applications like network-, training- and multimedia applications
Integrated CD-ROM or CD-RW (optional)	Quick and easy installation, exchange, back-up and maintenance of applications and data
Integrated sound funktion	Soundfiles or spoken remarks for training/presentation can be used
2 Internal PCI ports	Easy upgrade with ISDN or other PCI cards
Up to 2 integrated HDDs, CompactFlash card optional	Perfect for security back-up, updates and exchange of data
Adjustable LCD, keyboard and customer display	Optimised ergonomy for the standing, as well as the sitting user
Proved thermal, hybrid or impact printer with a easy paper handling	Easy to use and reliable, avoids waiting time for your customers in case of paper or ink end, high printing performance
Integrated 3-track MSR (option)	Best ergonomic position, easy to use e.g. for EC cards
Integrated customer display	No additional cabling, minimises footprint of the system
Lockable FDD + HDD, backup battery, manager-key	High security level to prevent data loss and unauthorised use of the system, no access to confidential data
Strong integrated power supply	Only one power connection for the complete system
Cablecover	No cableknots, protection of inadvertent disconnection
Programming tools free of charge	Saves time and money for application development
Many integrated interfaces like 4 serial and 2 USB free	Flexibility and upgradeability through open PC-architecture saves the investment
Optional 28-key unit	Combines comfortable touch-input and quick numeric data input
1 year On-site-service included, 3-year On-site-service as option	Ensures ongoing business at the POS in case of defect
An EPSON product	The performance of a strong partner, wide experience and support, compatibility to all EPSON POS-printers

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Technical Data IR-320

CPU	Intel Celeron® 1,2 GHz
Memory	2 x 168 pin DIMMs (max. 512 MB)
Drives	• FDD internal • 1 HDD 3,5“ or 2 HDD 2,5" • CD-ROM or CD-RW (option) or CompactFlash card instead of CD-ROM
Extensions	2 x PCI
Interfaces	4 serial free, with +5V or +12V 1 PS/2 (Y-adapter) 1 for 2 cashdrawers 1 parallel (SPP, ECP, EPP) 2 USB 1 for ext. CRT/LCD 1 24V for TM-printer 1 Ethernet 10Base-T/100 Base-TX 1 Microphone, Line-In, Line-Out 1 power in 1 power out
Video	Video Controller on board
Standard features	• Power switch soft on front • Main switch on right side • Built in power supply 100-240 V • Integrated speaker adjustable • Lockable cover for storage drives • Keylock (7 positions) • Wake on LAN • Audiofunction
OS	DOS, Windows 2000/XP, Linux
Dimensions WxDxH mm	252 x 457 x 261 (incl. cable cover)
Weight	ca. 6,7 Kg
Colour	EPSON cool white or dark grey
Colour TFT with touchpanel	12,1“ (30,7 cm) TFT (800 x 600) or 10,4“ (26,4 cm) TFT (800 x 600)
Options	• 3-track MSR ISO • Thermal printer TM-T88IIR or Hybrid printer TM-H3000R • Printer Tray for other TM-printers • Integrated customer display DM-D • Pole extension for DM-D • CD-ROM or CD-RW integrated • Backup-battery • External EPSON TM-printer • IR-cashdrawer • CompactFlash instead of CD-drive • 3 years On-site-service
Included Accessories	• User manual • Cable cover • Keys for drive cover • 1 year On-site-service

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